

Converting Colors

Android(4283718807)

Have a look what the booklet for
Android(4283718807) contains.

Android(4283718807)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283718807)

Conversions

Conversions Part 1

Format	Color
Hex	545C97
RGB	84, 92, 151
RGB Percent	33%, 36%, 59%
CMY	0.6706, 0.6392, 0.4078
CMYK	0.44, 0.39, 0.00, 0.41
HSL	233°, 29%, 46%
HSV	233°, 44%, 59%
XYZ	13.0692, 11.7735, 30.8618
YIQ	96.3340, -23.7070, 16.6530

Conversions

Conversions Part 2

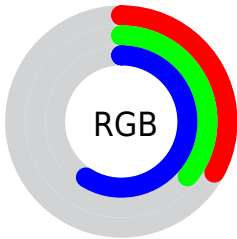
Format	Color
RYB	84, 91, 151
Decimal	5528727
CIELab	40.85, 13.01, -33.35
CIELCh	41, 35.801, 291.313
Yxy	11.7735, 0.2346, 0.2114
Android (android.graphics.Color)	4283718807 (0xFF545C97)
YUV	96.3340, 26.9503, -10.8169
Hunter-Lab	34.3125, 7.9416, -29.3087

Details

The Android color `4283718807` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288122708`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4287205070`, and `4280233828` is the 20% darker color. If you saturate the color by 10%, you get `4282732439`, and if you desaturate by 10%, it is `4284705175`.

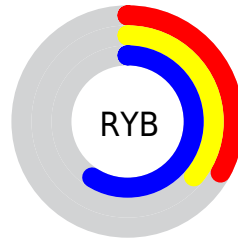
Distribution



Red (33%)

Green (36%)

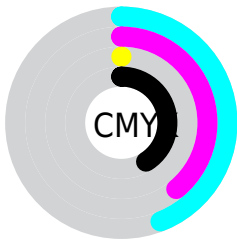
Blue (59%)



Red (33%)

Yellow (36%)

Blue (59%)

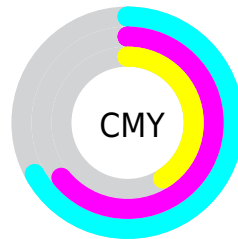


Cyan (44%)

Magenta (39%)

Yellow (0%)

Black (41%)



Cyan (67%)

Magenta (64%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283718807 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4283718807 by changing the saturation by 10% instead.



4283718807



4283718807

4294967295



4282008957



4287205070



4280233828



4288981226



4278196811



4290823423



4278190133



4292665599



4278190622



4294573311



4278190081



4278190080



4283718807



4283718807



4282732439



4284705175

■ 4281745815

■ 4285691799

■ 4280759447

■ 4286678167

■ 4279773079

■ 4287664535

■ 4278786711

■ 4288716439

■ 4278194839

■ 4289703063

■ 4290689431

■ 4291675799

■ 4292662423

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278216346



4283718807



4286337157

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4283718807



4287451443



4278218326

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4283718807



4288122708

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4282018618



4283718807



4286143524

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4283718807



4288104525



4284310823



4278218613

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4283718807



4287449716



4284310823



4279529037

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4283718807



4289441476



4283733902



4283716963



4293125091



4284703587

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4283718807



4284246468



4285355159



4282730061



4278194572



4278190605

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4288107612



4291058793



4286486356



4283254086



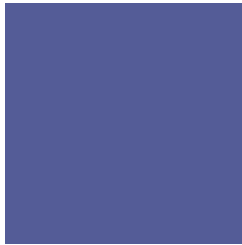
4287365137



4279042050

Previews

White Background



This preview shows how the Android color 4283718807 looks on a white background.

Color Contrast Check

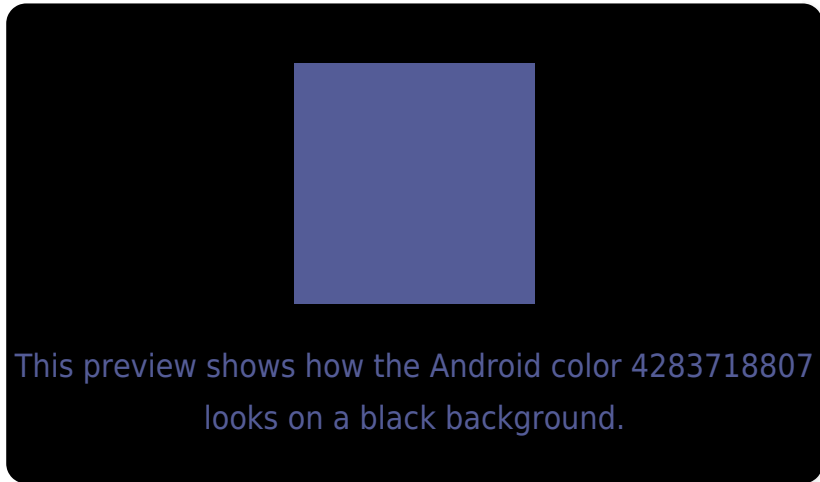
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4283718807 Background



This preview shows how black text looks on a background with the Android color 4283718807.

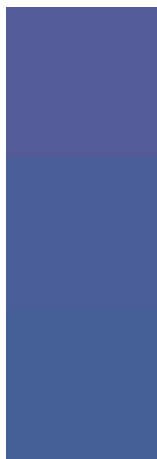


This preview shows how white text looks on a background with the Android color 4283718807.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
4283718807

Protanopia
4283063961

Deuteranopia
4282671254

Trichromacy



Original Color

4283718807

Protanomaly

4283325848

Deuteranomaly

4283064214

Tritanomaly

4283261564

Monochromacy



Original Color

4283718807

Achromatopsia

4284506208

Achromatomaly

4284243828

CSS Examples

Text

The CSS property to change the color of the text to Android 4283718807 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(84, 92, 151)` looks like.

```
.text, #text, p{  
    color:rgb(84, 92, 151)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(84, 92, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 92, 151) }
```

Border

The CSS property to change the border of an element to Android 4283718807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(84, 92, 151) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(84, 92, 151) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(84, 92, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 92, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 92, 151);  
box-shadow:4px 4px 4px 4px rgb(84, 92,  
151) }
```

Background

The CSS property to change the background color of an element to Android 4283718807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 92, 151) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(84, 92,  
151) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor